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BUTTERFLY VALVE WITH HANDLE

VP 4448-02
Tecofi'
 VALVE DESIGNER - FRANCE

APPLICATION

General use : Water, air, acids etc.

GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.

TECFLY type with lugs enabling use on bottom line.

Tightness in both ways.

Two kinds of sleeves:

- Body in dovetail shape ensures a perfect assembling (for high vacuum we can stick it)

- Internally reinforced aluminium sleeve giving a lower torque

Stem: high and low semi stem giving a high flow coefficient.

Machined disc with on periphery giving a low and regular torque.

Stem unjectable, bearing: stainless steel teflon lined.

Dovetail type sleeve, mounting flange according to ISO 5211.

Handle in ductile iron very resistant : notched, locked notch, regulating option.

It's easy to change the locked notched type into a regulating handle, without disassembling.

CONSTRUCTION

15	1	Screw	Stainless steel A2	
14	2	Nut	Stainless steel A2	
13	2	Spring washer	Stainless steel A2	
12	2	Screw	Stainless steel A2	
11	1	Handle	Ductile iron	
10	1	Indicator	Aluminium	
9	2	Split pin	Stainless steel	
8	1	Gasket	NBR	
7	2	O-ring	NBR	
6	2	Guiding bearing	Teflon-lined	
5	1	Upper stem	Stainless steel 416	DIN: 1.4005 ASTM: AISI 416 BS: 416 S21
4	1	Lower stem	Stainless steel 416	DIN: 1.4005 ASTM: AISI 416 BS: 416 S21
3	1	Sleeve	Heat EPDM	
2	1	Disc	Ductile iron EN-GJS-400-15	DIN: GGG 40 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
1	1	Body	Ductile iron EN-GJS-400-15	DIN: GGG 40 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
Pos.	Qty.	Description	Material	

DIMENSIONS

DN		H	H1	L	V	G	ISO	Weight (kg)
mm	inch							
40	1 1/2	184	133	33	180	66	F07	3
50	2	190	140	43	180	71	F07	3.7
65	2 1/2	203	153	46	180	78	F07	4.3
80	3	209	159	46	180	89	F07	4.9
100	4	228	178	52	220	102	F07	6.4
125	5	240	190	56	220	117	F07	8.2
150	6	253	203	56	220	130	F07	9.7
200	8	288	238	60	318	159	F10	16.5
250	10	318	268	68	318	190	F10	25.4
300	12	356	306	78	318	222	F10	36.7

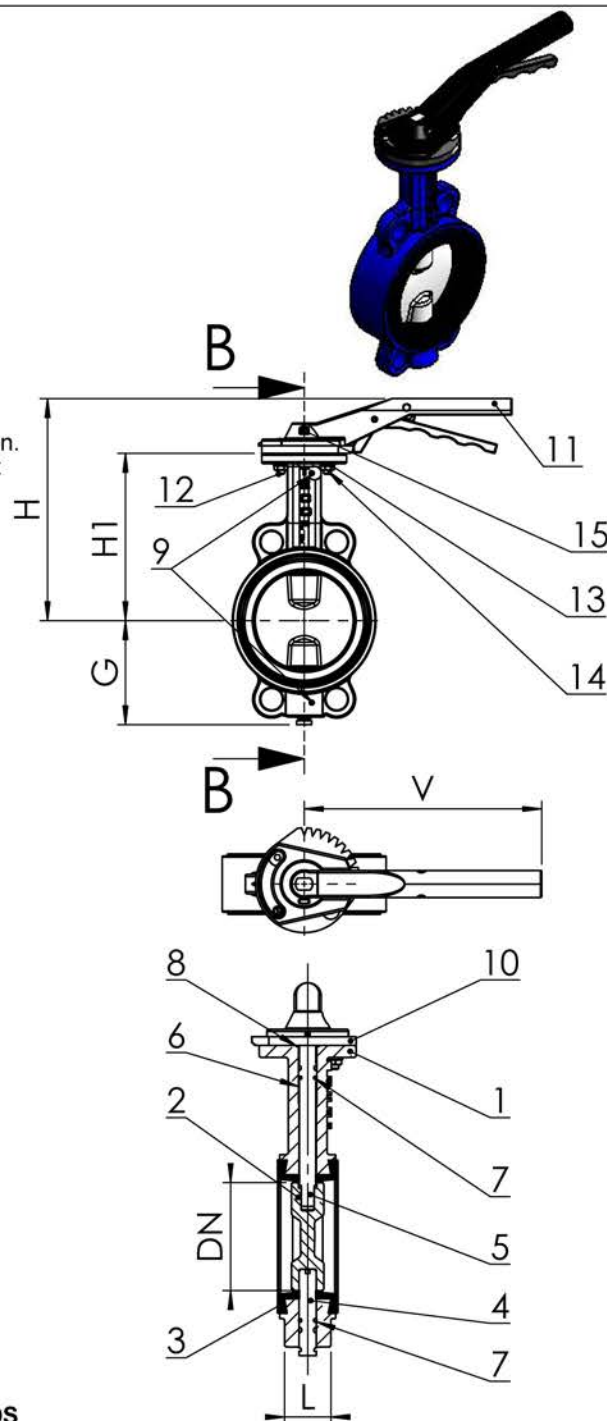
WORKING CONDITIONS

Maximum working pressure : 16 bar.

Maximum temperature : -15°C / +130°C.

Peak temperature : -30°C / +150°C.

Tightness in option	Maximum temperature	Peak temperature
EPDM	+4°C / +110°C	-20°C / +130°C
CSM (Type Hypalon®)	+4°C / +80°C	-20°C / +110°C
FPM (Type Viton®)	-10°C / +170°C	-20°C / +200°C
Silicone	-20°C / +170°C	-40°C / +200°C
Nitrile (NBR)	-10°C / +80°C	-20°C / +90°C



STANDARDS

Manufacture according to the requirements of the European directive 2014/68/UE «Equipments under pressure» : category III modulate H.

Face to face according to standard NF EN 558-1 serie 20, ISO 5752 serie 20, DIN 3202.

Mounting between flanges PN10 / PN16 : according to EN 1092-2, BS450, ANSI B16.1-5.

Adjustable between flanges ASA 150.

PN20 on request with ductile iron body.

Pressure test according to standards

EN 12266-1, DIN 3230, BS 6755 and ISO 5208 :

Body : 24 bar.

Seat : 17,6 bar.

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